

Daily Report For 2016-05-31

Metal Bank

Sheetpile Repair
Cottman Avenue
Philadelphia, PA (US)
Report number: 3340011G-17
Date: May 31, 2016 01:08 PM

Status

05/31/2016 (Tuesday) - Day 14 of R6 stone installation in Zone 2; Day 15 of overall R6 stone installation. Day 1 of Dock Welders on-site. Following repositioning of the turbidity curtain, the crane was used to perform R6 stone placement between Targets C and D in Zone 2. The excavator was used to reposition material in Zone 2 closer to the sheet pile wall. The dock welders received their site orientation and began preparation and equipment mobilization down to the repair area. In the afternoon, the crane and excavator were used to position Reese mats and move welding equipment. CEI conducted turbidity monitoring twice over the course of the day, at approximately 0750 and 1400.

Details of Construction Activities

0630 to 0700 - Ramboll Environ (Eric Emery), CDM Smith (b) (4), and CEI on-site. Subcontractors for crane operation (Thackray) and Dock Welders also on-site.

0700 - CEI performed health and safety meeting.

0710 - Crews mobilized to equipment. CEI mobilized boat to the City boat launch area.

0715 - CEI conducted additional H&S and scope meeting with Dock Welders.

0740 to 0845 - CEI made adjustments to the turbidity curtain and took turbidity readings. Turbidity readings did not exceed the performance criteria.

0745 to 1250 - CEI performed stone placement with the crane in Zone 2 between Targets C and D. A CEI spotter assisted crane operator during stone placement throughout the day.

0900 - CEI truck dropped off welding supplies, including two welding generators.

0915 - CEI adjusted R6 stone placed in Zone 2 using long-reach excavator, to make sure material was placed up against sheet pile wall.

0940 - Welding Supply Co. dropped off additional welding supplies (oxygen, acetylene tanks, etc.)

1045 to 1130 - CEI made adjustments to the turbidity boom,

1125 to 1200 - Dock welders cut cable segments to be used to anchor work platform to sheet pile wall.

1245 to 1330 - CEI made additional adjustments to turbidity boom. Welders continued preparation of work platform.

1250 to 1500 - The crane grapple attachment was swapped out with a hook attachment so the crane could assist with moving Reese mats and welding equipment. Both the crane and excavator were used to move equipment.

1300 - (b) (4) (CDM Smith) off-site.

1330 to 1430 - CEI took turbidity readings and adjusted the turbidity curtain. Turbidity readings did not exceed the performance criteria.

1530 - CEI and Ramboll Environ off-site.

The Week Ahead

Wednesday 6/1

Continue R6 stone placement in Zone 2

Continue construction of waler repair work platform

Start waler repair work (incl. detensioning of tie-rods)

Thursday 6/2

Mobilize crane to Zone 3 and begin R6 stone placement in Zone 3
Continue waler repair work

Friday 6/3

R6 stone placement in Zone 3
Continue waler repair work

Monday 6/6

R6 stone placement in Zone 3
Continue waler repair work

Tuesday 6/7

R6 stone placement in Zone 3
Continue waler repair work

The following activities will also take place over the next few days, although the exact dates are currently unknown:
- Surveyor on-site during detensioning (likely Wednesday, possibly Thursday as well)

Contacts and people present

Role and company name	Name	Contact information	Present	Sent
Oversight [Ramboll]	Eric Emery	609-961-1363 eemery@ramboll.com	✓	✓
Oversight [Ramboll]	Joe Vitale	jvitale@ramboll.com	✗	✓
Oversight [Ramboll]	June Yeung	609-977-5899 jyeung@ramboll.com	✗	✓
CEI Project Superintendent [Creamer Environmental, Inc.]	John Castellani	201-522-5089 jcastellani@creamerenvironmental.com	✓	✓
CEI Project Manager [Creamer Environmental, Inc.]	Gary Kowalski	201-376-7153 gkowalski@creamerenvironmental.com	✗	✓
Laborer [Creamer Environmental, Inc.]	Laborer 1		✓	
Laborer [Creamer Environmental, Inc.]	Laborer 2		✓	
Laborer [Creamer Environmental, Inc.]	Laborer 3		✓	
Laborer [Creamer Environmental, Inc.]	Laborer 4		✗	
Ramboll Project Manager [Ramboll]	Nicholas Steenhaut	617-946-6109 nsteenhaut@ramboll.com	✗	✓

EPA Oversight [CDM Smith]	(b) (4)	(b) (4) @cdmsmith.com	✓	✓
EPA Oversight [USACE]	David Depolo	David.S.Depolo@usace.army.mil	✗	
EPA Oversight [CDM Smith]	(b) (4)	(b) (4) @cdmsmith.com	✗	✓
EPA Oversight [USACE]	Travis Fatzinger	Travis.T.Fatzinger@usace.army.mil	✗	
EPA Oversight [USEPA]	William Geiger	Geiger.William@epa.gov	✗	✓
Design Engineer [RAC]	Joe Caciola	joe@racllc.com	✗	✓
Design Engineer [RAC]	Walter Papp	walter@racllc.com	✗	✓
Operator [Creamer Environmental, Inc.]	Operator 1		✓	
Operator [Thackray Crane Rental, Inc.]	Operator 2		✓	
Oiler 1 [Thackray Crane Rental, Inc.]	Oiler 1		✓	
Welder [Creamer Environmental, Inc.]	Welder 1		✓	
Welder [Creamer Environmental, Inc.]	Welder 2		✓	
Welder [Creamer Environmental, Inc.]	Welder 3		✓	

Visitors

Pennsylvania Welding Supply Co.
Material Delivery Trucks

Equipment On-Site

CASE CX250C Long Reach Excavator
CASE 821F Loader
CAROLINA SKIFF 19DL.X Boat
American 9310 Lattice Boom Crane (equipped with grapppler; clamshell bucket removed but still on-site)
Welding Equipment (welding generators, gas canisters, etc.)

Material Tracking




Seven (7) loads of R6 stone, totaling 150.50 tons, were imported. Approximately 130 tons of material was placed today, all in Zone 2.

A total of 2894.64 tons of R6 stone has been delivered to date. Approximately 2360 tons have been placed to date.

5/25/2016

Based on the most current estimated completion rate and the amount of stone placed to date, we project an approximate final total R6 weight of 4500 tons. We expect stone placement to be completed the week of June 20, with site restoration and demob completed by the end of June. These estimates will be updated on a weekly basis, based on project progress. Based on the baseline bathymetric survey, Weber estimated the volume of rip rap to be placed at 2750 cubic yards.

Observations

Remark	Description
Rip-Rap	
<p>✓ <u>R6 stone placement</u></p> <p><u>[3.1]</u></p> <p>May 31, 2016</p>	<p>R6 stone placement continues in Zone 2, between Targets C and E.</p> <div><p>R6 stone placement via crane in Zone 2 (facing NE)</p><p>Long-reach excavator ensuring R6 stone placement is up along sheet pile wall (facing NE)</p></div> <div><p>Extent of R6 stone placement, nearing completion in Zone 2 (facing SW)</p></div>

✓ **Repositioning turbidity curtain in Phase II location**
[15.1]
May 31, 2016

CEI made adjustments to the turbidity curtain throughout the day.



Adjusting turbidity curtain to close gap created as tide receded (facing E)

Site Restoration

✓ **Continue site restoration in Zone 1 material staging area**
[16.2]
May 31, 2016

The excavator continued rebuilding the perimeter berm, and stockpiled the crushed stone formerly used for staging the R6 in that area.



General / Other

✓ **Dock Welders prep for waler repair [17.1]**
May 31, 2016

Dock welders and welding equipment arrived on-site today; prepped site for waler repair.



Welding equipment delivery (facing S)



Welders cutting cables for work platform (facing E)



Attaching cables to work platform (facing N)



Positioning work platform (facing SW)

Testing and Monitoring

CEI provided today's turbidity monitoring data. These data indicate that there were no exceedences of the performance criteria.

Documents

Description	Status	Date	Responsible
Baseline Bathymetric Survey	Received	05/09/2016	John Castellani
Baseline Wall Survey	Received	05/09/2016	John Castellani
Turbidity Monitoring 05/10/2016	Received	05/10/2016	John Castellani
Stone Delivery Tickets 05/09/2016	Received	05/09/2016	John Castellani
Turbidity Monitoring 05/11/2016	Received	05/11/2016	John Castellani
Stone Delivery Tickets 05/11/2016	Received	05/11/2016	John Castellani
Stone Delivery Tickets 05/10/2016 (Revised)	Received	05/10/2016	John Castellani
Stone Delivery Tickets 05/12/2016	Received	05/12/2016	John Castellani

Turbidity Monitoring 05/12/2016	Received	05/12/2016	John Castellani
Turbidity Monitoring 05/13/2016	Received	05/13/2016	John Castellani
Turbidity Monitoring 05/16/2016	Received	05/16/2016	John Castellani
Stone Delivery Tickets 05/16/2016	Received	05/16/2016	John Castellani
Stone Delivery Tickets 05/13/2016	Received	05/13/2016	John Castellani
Wall and Rip Rap Survey 5/16/16	Received	05/16/2016	John Castellani
Turbidity Monitoring 05/17/2016	Received	05/17/2016	John Castellani
Turbidity Monitoring 05/18/2016	Received	05/18/2016	John Castellani
Stone Delivery Tickets 05/19/2016	Received	05/19/2016	John Castellani
Turbidity Monitoring 05/19/2016	Received	05/19/2016	John Castellani
Turbidity Monitoring 5/20/2016	Received	05/20/2016	John Castellani
Stone Delivery Tickets 5/20/2016	Received	05/20/2016	John Castellani
Sheetpile and Rip Rap Survey 5/19/2016	Received	05/19/2016	John Castellani
Stone Delivery Tickets 05/23/2016	Received	05/23/2016	John Castellani
Turbidity Monitoring 05/23/2016	Received	05/23/2016	John Castellani
Sheetpile and Rip Rap Survey 5/23/2016	Received	05/23/2016	John Castellani
Turbidity Monitoring 05/24/2016	Received	05/24/2016	John Castellani
Stone Delivery Tickets 05/24/2016	Received	05/24/2016	John Castellani
Turbidity Monitoring 05/25/2016	Received	05/25/2016	John Castellani
Turbidity Monitoring 05/26/2016	Received	05/26/2016	John Castellani
Stone Delivery Tickets 05/26/2016	Received	05/26/2016	John Castellani
Sheetpile and Rip Rap Survey 5/26/2016	Received	05/26/2016	John Castellani
Waste Manifest for Diesel Spill Cleanup Materials	Not yet received	05/25/2016	John Castellani
Turbidity Monitoring 05/27/2016	Received	05/27/2016	John Castellani
Stone Delivery Tickets 05/27/2016	Received	05/27/2016	John Castellani

Waler BOL 05/27/2016	Received	05/27/2016	John Castellani
Welder Qualification_Michael Gill	Received	05/31/2016	John Castellani
Turbidity Monitoring 05/31/2016	Received	05/31/2016	John Castellani
Stone Delivery Tickets 05/31/2016	Received	05/31/2016	John Castellani

General conditions

Disclaimer: Information contained in this Field Observation Report has been prepared to the best of our knowledge according to observable conditions at the site.